

AMENDMENTS TO THE CLAIMS:

Claims 1-38 (canceled)

Claim 39. (previously presented) A nucleic acid molecule comprising retroelements that comprise a recombinant provirus when a target cell is infected by a retrovirus containing said retroelements; said retroelements comprise a 3' and/or 5' LTR region; an insertion sequence located in the 3' LTR region or the 5' LTR region; said insertion sequence comprises a nucleotide sequence of interest, which can be expressed in the target cell and which can be transferred with said retroelements into the target cell and integrated into the recombinant provirus; and a recombinase recognition site for the elimination of proviral sequences in the recombinant provirus, which are not necessary for expression of the nucleotide sequence of interest in the target cell after integration of the recombinant provirus into the target cell, wherein the nucleic acid molecule is contained in a plasmid deposited under C.N.C.M. Accession No. I-1599.

Claims 40-49 (canceled)